

Receiving Report

Date: 12/2/9

Supplier: Manner

Packing Slip: Yes No
 Invoice: Yes No
 Receipt: Cash Cr

Batch No: M120633

Dart P/O: 16073

Release Note Attached: Yes No N/A
 Waybill Attached: Yes No N/A
 Shipment Complete: Yes No N/A
 QC6 Inspection ✓ 12/12/09 N/A
 Work Order ✓ 12/12/09 N/A

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) LL Level 12

Production/Admin:

Date _____

Received/Costing _____

Initial

Location _____

Purchase Order Receipt Listing

February 10, 2012 8:05:47 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO16093 All Receipt Dates All Line Item Types
All Item ID/GL/WOS All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp	Project ID Cert Std	Reference/ Description/ Stock U/M	PO U/M / Required Qty	Required Date/ Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Qty Recv Value (PO U/M)	Inspected Qty/ Rejected Qty MRB Reject Qty	MRB Qty/ MRB Reject Qty	Book Amt
---------------------------------	-------------------	------------------------	---	--------------------------	-------------------------------------	----------------------	--	---	-------------------------------	----------

Total Received Quantity: 1,628.0000
 Total Qty to Inspect (PO U/M): 0.0000
 Total Reject Quantity: 0.0000
 Total Receipt Value: \$3,034.85
 Total Balance Due Quantity: 0.0000

Marmon/Keystone Canada Inc.

ACIERS SPÉCIALISÉS

CLIPS DRIED

:OL CTOSS

HAWKESBURY ON CAN K6A 1K7

1270 ABERDEEN STREET
DART AEROSPACE LTD

TEST OVERLAND #22212

COUCHERVILLE

LAWKESBURRY ON CAN K6A 1K7

270 ABERDEEN STREET
ART AEROSPACE LTD

SHIPPED TO:

PAGE. . . : 2
Order : 111
Date . . . : 02/

290 Chemin du Tremblay
Boucherville QU CAN J4B 5X9
TEL. 514/527-9153
FAX. 450/641-4357

WLSN

MILL INSPECTION CERTIFICATE



CHANGSHU WALSH SPECIALTY STEEL CO., LTD.

EN 10204 3.1

CUSTOMER: MARMON KEYSTONE CANADA INC. 2011/5/3		COMMODITY: STAINLESS STEEL SEAMLESS TUBING		HEAT NO.: YX0104-3645 CONDITION: COLD FINISHED, ANNEALED, PICKLED, PLAIN END CERTIFICATE NO.: 20110505024004 GRADE: TP304L	CHEMICAL COMPOSITION (Wt%)									
ELEMENTS	C	Si	Mn	P	S	Ni	Cr	Mo	N	Cu	Ti	Cb+Ta	Co	Al
SPECIFICATION	min					8.000	18.000							
RESULTS (LADLE)	0.035	1.000	2.000	0.045	0.030	12.000	20.000							
RESULTS (PRODUCT)	0.023	0.370	0.620	0.027	0.001	10.090	18.300							
	0.019	0.430	0.603	0.029	0.000	10.019	18.136							
SIZE(mm) x WT(kg)	CASE NO.	PIECES	WEIGHT	TS	YS	EL 0.2%	(50mm) HRB %	FLATTENING TEST	IC TEST	GRAIN SIZE	HYDROSTATIC TEST	EDDY CURRENT TEST	ULTRASONIC TEST	
ODC x WT(kg)	23-0#	150	3000	242	540/550	260/275/	61/62	7/77	GOOD	GOOD	/	/	GOOD	
0500*035														
TOTAL:		150	3000	242										
REMARK:	1. WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN BEEN MADE IN ACCORDANCE WITH THE RESULTS OF THE CONTRACT, AND CONFORM TO THE SPECIFICATION ABOVE.													
AS PER ASTM A213:10/ASME SA213:10/ASTM A269-10 NACE MR 01-75 PO# MN7061 LENGTH:20FT	2. THE CERTIFICATE SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL OF THE COMPANY.													
TEST PER ASTM A262, PRACTICE E MATERIAL FREE FROM MERCURY CONTAMINATION NO REPAIR BY WELDING MADE IN CHINA HRB MAX 80 40#(POLISHED)	IC													

ADDRESS: 56# RENMIN ROAD, HAYUTOWN, CHANGSHU CITY, JIANGSU PROVINCE, CHINA 215519 TEL: +86-512-52566260 FAX: +86-512-52568027
WLCS-QP-T24-06

Din Sun

QUALITY MANAGER

Q.C. Reviewed
6-14-11



SHANGHAI CRYSTAL PALACE PIPE CO., LTD

LAO GANG, PUDONG NEW AREA DISTRICT, SHANGHAI, CHINA

CRYSTAL-PALACE

MILL TEST CERTIFICATE

ISO9001:2008 ;PED Material CERTIFICATE (No.:QAC0021058/A)

DATE OF ISSUE: 2011/5/24

CUSTOMER: MARMON/KEYSTONE CANADA INC.		CERTIFICATE NO.: 2011-2-19-B-3	
P.O.NO.:BN2163		ORDER NO.: 2011-02-019-B	
COMMODITY: STAINLESS STEEL SEAMLESS TUBING		GRADE : ASTM A213-09b/ASME SA213-07/TP304/TP304L	
CONDITION: COLD FINISH / SOLUTION TREATED / PICKLED / PLAIN END / OD POLISHED 320 GRT		HEAT NO.: YK3349	
CHEMICAL CONTENTS (WT%)			
ELEMENTS	C	Mn	P
SPECIFICATION	≤ 0.035	≤ 2.00	≤ 0.040
RESULTS (LADLE)	0.022	0.70	0.038

PHYSICAL PROPERTIES

Dimensions	W.T (inch)	Length (feet)	Bundle No.	Pieces	Weight (kg)	0.2%YS (Mpa) ≥205	T.S (Mpa) ≥515	EL (%) ≥35	FLARING TEST	FLATTENING TEST	HARDNESS HRB ≤80	EDDY CURRENT TEST TO E426 (100%)
0.500	0.049	20	11-3-278	250	541	325	690	62.0	OK	OK	75	OK (DRILLED HOLE)

REMARKS:

AS PER ASTM A213-09b/ASME SA213-07
WALL THICKNESS TOLERANCE AS PER ASTM A269-08
IN COMPLIANCE TO NACE MR0175-2003
IC TEST TO ASTM A262 PRACTICE E
SOLUTION HEAT TREATMENT: 1050°C X 1.5h/min
NO WELD REPAIR WAS PERFORMED
FREE FROM MERCURY CONTAMINATION
COUNTRY OF ORIGIN: CHINA
MILL TEST CERTIFICATE TO EN 10204/3.1
INVOICE NO: YK-11-05-75

1. WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN TESTED AND THE TEST RESULTS ARE IN COMPLIANCE WITH THE TERMS OF THE PURCHASE ORDER OR CONTRACT
2. THE CERTIFICATE SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE COMPANY.

SHANGHAI CRYSTAL PALACE PIPE CO., LTD
Ding Ming
DINGMING
MANAGER OF QUALITY ASSURANCE DEPARTMENT

QC REVIEWED
JUL 08 2011
W.H.

SHANGHAI CRYSTAL PALACE PIPE CO., LTD

3

Certificate No. F101214002

Date: DEC 13 2010

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檢驗證明書
MILL'S TEST CERTIFICATE
EN 10204/3.1

臺灣企業股份有限公司
PROCH ENTERPRISE CO., LTD.
NO.122 INDUSTRIAL ROAD, TOU-LIU CITY
YUN-LIN 6410, TAIWAN
TEL:+886-5-571869
FAX:+886-5-5571339
Web: www.proch.com

Customer: MARMON/KEYSTONE CANADA INC., Invoice No. YK-10-12-24		Order No. MN7186		L/C No.		T/T		All Std.		ASTM A312/08 ASME SA312		Page: 1 of 2			
Product Name		Product No.		Specification		Heat No.		Quantity		Heat Treatment		Surface Treatment		Remark	
Description		Item No.		Size		Type		Heat No.		QTY(FT)		Weight(KG)		Water Quenched	
STAINLESS STEEL WELDED PIPE	4	1	2	3	3-1/4" X SCH 40S	304/304L	ATM050426	1,000.00		1060	PICKLED	18.00			
				2	3/4" X SCH 10S	304/304L	ATM050150	300.00		1060	PICKLED	18.00			
				3	1-1/4" X SCH 10S	304/304L	ATM050509	300.00		1060	PICKLED	17.00			
				5	2-1/2" X SCH 40S	304/304L	ATT050263	300.00		1070	PICKLED	18.00			
				6	3" X SCH 5S	ATM050124	440.00			1060	PICKLED	6.00			
				7	5" X SCH 10S	304/304L	ATT050163	200.00		1065	PICKLED	6.00			

Chemical Composition (%)

I, WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN MANUFACTURED

AT
CERTIFICATION NO. ASIM 202 PRACTICE CERTIFIED 10 NACE MARCH 2007

3. WE ARE A STAINLESS STEEL WELDED PIPE MANUFACTURER SERVING INDUSTRY AND

QUALITY MANAGEMENT, ISO: 9001 ENVIRONMENT MANAGEMENT, ISO: 14001 MANUFACTURER CERTIFIED WITH ISO: 9001

3 THE MATERIAL DESCRIBED BY SUPPLIER AND HAS NO RADIATION CONTAMINATION.

* THE CHEMICAL COMPOSITIONS OF THE MATERIAL ARE IN ACCORDANCE WITH ASTM A24.

3. $1 \text{GPa} = 1000 \text{MPa}$, $1 \text{MPa} = 1 \text{N/mm}^2 = 0.145038 \text{ ksi}$

6. THE MATERIAL DESCRIBED HEREIN IS CERTIFIED FOR NO RADIATION CONTAMINATION BY

Q.C. Premium

QA Manager / Work Inspector

BT02/TZ/T * 987/NW * 1/99000 * AT&T426 * MN/TW * 091-405-157-158

190 Frobisher Drive, Waterloo, Ontario, N2V 2A2
Phone: (519) 746-0088 Fax: (519) 746-3941 (Toll Free: 1-800-563-8823)

Q.C. Reviewed
2-28-11 LA

Metallurgical Lab Technician
Rob Kaminski

2011-07-28 K. Kaminski

Date: 07/28/2011

Mercury has not been used as an alloying material nor is it present in our processing methods.

YIELD STRENGTH P.S.I.	TENSILE STRENGTH P.S.I.	ELONGATION %	HARDNESS	MECHANICAL PROPERTIES								
				Cu	Ti	Al	N	0.0530	0.3700	18.2620	N/R	8.2540
Mn	P	S	Si	Cr	Mo	NI	N/R	N/R	N/R	N/R	N/R	N/R
0.0500	1.5890	0.0270	0.0010	0.3700	18.2620	N/R	N/R	N/R	N/R	N/R	N/R	N/R

CHEMICAL ANALYSIS (%)

HEAT NO.: 9HP2
COIL NO.: 059HP2 B

We hereby certify that the material listed below has been used to produce stainless steel tubing in accordance with specifications outlined in ASTM A554-03/EN 10204 3.1.

CERTIFICATE OF COMPLIANCE

Stainless Steel Tubing
Sai Global
OMI

AT5 .375 .058

CERTIFIED TEST REPORT

KAISEER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISEER DRIVE
KALAMAZOO, MI 49048
http://Online.KaiserAluminum.com

KAISEER FABRICATED PRODUCTS
ALUMINUM CERTIFIED TEST REPORT
Customer Part Number: AT/375.058/734
Customer PO Number: 61-17107-1
Kaiser Order Number: 606551
Weight Shipped: 629.000 LB
Ship To: 12.000 FT
SOLD TO:
MARMON/KEYSTONE CORP
10700 MARMON DR
32944 US HIGHWAY 6
SPRING VALLEY, IL 61362 USA
BOLINGBROOK, IL 60440 USA

Actual Physical Properties							
REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCI.
*F00013715	0001	1	46.3	42.9	12.0	N/A	N/A
*F00013715	0002	1	46.2	42.9	12.3	N/A	N/A
*F00013715	0003	1	45.8	43.0	15.0	N/A	N/A
MaxIMUM	0.80	0.70	0.40	0.15	1.20	0.35	0.15
MinIMUM	0.40	0.00	0.15	0.00	0.80	0.04	0.05
QD: 0.375", wall: 0.058", Round 6	ASTM-B210-04	WW-T-700/6E	AMS-4082D	5.2.1.	Per AMS-4082D	WE TAKE EXCEPTIION TO PARR. 5.2.1., Per AMS-4082D, WAS NOT OILED.	WE TAKE EXCEPTIION TO PARR. 5.2.1., Per AMS-4082D, WAS NOT OILED.
OD: 0.375", wall: 0.058", Round 6	ASTM-B210-04	WW-T-700/6E	AMS-4082D	5.2.1.	Per AMS-4082D, WAS NOT OILED.	WE FOLLOWING SPECIFICATIIONS HAVE BEEN MADE INACTIVE OR CANCELLIED: MIL-T-7081, WW-T-700F/GEN, WW-T-700/2E, WW-T-700/3E, WW-T-700/4F, WW-T-700/5E, WW-T-700/6F, and WW-T-700/7B.	WE FOLLOWING SPECIFICATIIONS HAVE BEEN MADE INACTIVE OR CANCELLIED: MIL-T-7081, WW-T-700F/GEN, WW-T-700/2E, WW-T-700/3E, WW-T-700/4F, WW-T-700/5E, WW-T-700/6F, and WW-T-700/7B.
Q.C. REVIEWED	DATE	INITIAL	FE8 01 2018	MARMON/KEYSTONE	Q.C. REVIEWED	DATE	INITIAL
02	02	02	02	00	00	00	00
01	01	01	01	00	00	00	00
02	02	02	02	00	00	00	00

Applicable Requirements:

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Al	Br	Ba	Zr	Ea	Mo
D69877	.57	.31	.25	.05	.95	.96	.07	.06	.02	.00	.00	.01	.02
D69881	.58	.26	.22	.06	.98	.98	.07	.09	.02	.00	.00	.01	.02
MaxIMUM	0.80	0.70	0.40	0.15	1.20	0.35	0.15	0.15	0.02	0.00	0.00	0.05	0.15
MinIMUM	0.40	0.00	0.15	0.00	0.80	0.80	0.04	0.00	0.02	0.00	0.00	0.05	0.15

Miscellaneous Notes

MANUFACTURED IN USA (CHANDLER, AZ) MELTED IN USA

Page 1 of 2

Line Item: 001

Kaiser Order Number: 606551

Plant Serial: 00022757

Kaiser Order Number: 606551

Line Item: 001

Line Item: 001

Kaiser Order Number: 606551
Plant Serial: 00022757

Page 2 of 2

Q.C. REVIEWED

Alex Yeh, Quality & Technology Manager
Kaiser Aluminum Fabricated Products, LLC ("Kaiser"), hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms of sale. Test reports are on file subject to examination.

CERTIFICATION

KAISEER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

KAISEER ALUMINUM
FABRICATED PRODUCTS
ALUMINUM

CERTIFIED TEST REPORT
<http://Online.KaiserAluminum.com>

Nathaniel Stevens, Quality Manager

Page 1 of 2

Kaiser Order Number: 207647
Plant Serial: 00010655

Kaiser Aluminum Fabricated Products, LLC ("Kaiser"), hereby certifies that metal supplied under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that part of the general terms and conditions of sale. Test reports are on file subject to examination.

CERTIFICATION

LIMITS	SI	FE	CU	M	MG	CR	ZN	TI	PP	RI	ZR	EA	TOT
Maxiumum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	0.00	0.00	0.00	0.01	.02
Miniumum	0.40	0.40	0.40	0.15	0.00	0.80	0.04	0.00	0.00	0.00	0.00	0.00	0.00
	669220	.58	.33	.22	.05	1.00	.09	.07	.03	00	00	00	0.00

Chemical Composition (wt%)

REFERENCE	DASH#	SAMPLE#	UTS (ksi)	YTS (ksi)	ELONG%	HARDNESS	CONGICS	END
E000111753	0001	1	46.6	43.4	14.0	N/A	N/A	N/A
E000111753	0002	1	47.4	43.3	14.0	N/A	N/A	N/A
E000111753	0003	1	46.8	42.5	15.0	N/A	N/A	N/A

Actual Physical Properties

61-14788-1	KAISER ORDER NUMBER: LINE ITEM:	AT/5.058/734	PRODUCT DESCRIPTION:	CUSTOMER PART NUMBER:			CUSTOMER PART NUMBER:			SHIP TO:		
207647	WEIGHT SHIPPED:	001	SHIP DATE:	06/01/2011	KAISER LOT NUMBER:	FO00111753	ALLOY:	6061	TEMPER:	TE6	LENGTH:	598.000 LB
	WEIGHT SHIPPED:	001	SHIP DATE:	06/01/2011	KAISER LOT NUMBER:	FO00111753	ALLOY:	6061	TEMPER:	TE6	LENGTH:	598.000 PCS
												207647

KAISE
ALUMINUM
FABRICATED PRODUCTS
KAISE ALUMINUM
FABRICATED PRODUCTS, LLC
6673 W. WILLIS ROAD
CHANDLER, AZ 85226
http://Certs.KaiserAluminum.com

CERTIFIED TEST REPORT

http://Certs.KaiserAluminum.com

07/11/2011 From: MARMON/KEYSTONE CORPORATION

07/11/2011 To: OR.REF#

INIT.::

SLSRS#

C.P.O.::

Line Item: 001

Page 2 of 2

Kaiser Order Number: 207647
Plant Serial: 00010655

Nathaniel Stevens, Quality Manager

Kaiser Aluminum Fabricated Products, LLC ("Kaiser"), hereby certifies that metal supplied under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that part of the general terms and conditions of sale. Test reports are on file subject to examination.

CERTIFICATION

Q.C. REVIEWED

MANUFACTURED IN USA MELTED IN USA

Miscellaneous Notes

CERTIFIED TEST REPORT
<http://Certs.KaiserAluminum.com>

KAISE
ALUMINUM
FABRICATED PRODUCTS
KAISER ALUMINUM
673 W. WILLIS ROAD
CHANDELIER, AZ 85226

07/11/2014 From: MARMON/KEYSTONE CORPORATION
To: OR.REF#:
SLS/PRS#:
INIT.::

C PART#:
C.P.O.#:
M/K O.R.#:

Kaiser Order Number: 606561
Plant Serial: 00022759
Line Item: 003

MANUFACTURED IN USA (CHANDLER, AZ) MELTED IN USA
Miscellaneous Notes

WE TAKE EXCEPTON TO PARRA. 5.2.1. Per AMS-4082P, WAS NOT OILED.
THE FOLLOWING SPECIFICATIONS HAVE BEEN MADE INACTIVE OR
CANCELLED: MIL-T-7081, MM-T-700F/GEN, MM-T-700/2E, MM-T-700/3E,
MM-T-700/4E, MM-T-700/5E, MM-T-700/6E, and MM-T-700/7B.
COMPLIES TO DIN EN 10204 JAN 2005
COMPLIES TO DAFAR 252.225-7001 and DAFAR 252.225-7014
NO Weld Repair. Mercury Free.

OD: 0.500"; Wall: 0.058"; Round 6

AMS-4082P ASTM-B210-04 WW-T-700/6E

Descripton: MADE IN USA

Applicable Requirements:

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Total
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	N/A	N/A	N/A	0.05	0.15
Minimum	0.40	0.40	0.15	0.00	0.15	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00

Chemical Composition (wt%), Aluminum Remainder

REFERENCE	DASH#	SAMPLE#	UTS (ksi)	YTS (ksi)	ELONG%	HARDNESS	CONDUCT.	SEND
* F00013711	0001	1	45.9	42.4	13.0	N/A	N/A	N/A

Actual Physical Properties

KAISER ORDER NUMBER: LINE ITEM:	AT/5.058/734	PRODUCT DESCRIPTION:	Seamless Tube/pipe	SOLD TO:		
WEIGHT SHIPPED:	003	SHIP DATE:	01/04/2012	KAISER LOT NUMBER:	6061	TEMPER:
WEIGHT SHIPPED:	006551	SHIP DATE:	01/04/2012	KAISER LOT NUMBER:	6061	TEMPER:
WEIGHT SHIPPED:	606551	SHIP DATE:	01/04/2012	KAISER LOT NUMBER:	6061	TEMPER:
WEIGHT SHIPPED:	668.000 LB	QUANTITY:	586.000 PCS	BL NUMBER:	602261	SHIP TO:
WEIGHT SHIPPED:	668.000 LB	QUANTITY:	586.000 PCS	BL NUMBER:	602261	SPRING VALLEY, IL 61362 USA
WEIGHT SHIPPED:	668.000 LB	QUANTITY:	586.000 PCS	BL NUMBER:	602261	10700 MARMON DR MARMON/KEYSTONE CORP 10700 MARMON DR BOLINGBROOK, IL 60440 USA

CERTIFIED TEST REPORT
http://Online.KaiserAluminum.com

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

KAISER ALUMINUM
FABRICATED PRODUCTS

Line Item: 003
Kaiser Order Number: 606551
Plant Serial: 00022759

Page 2 of 2

Q.C. REVIEWED

Alex Yeh, Quality & Technology Manager

Kaiser Aluminum Fabricated Products, LLC ("Kaiser") hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms of sale. Test reports are on file subject to examination.

CERTIFICATION

KALAMAZOO, MI 49048

5205 KAISER DRIVE
FABRICATED PRODUCTS, LLC

KAISER ALUMINUM

FABRICATED PRODUCTS

ALUMINUM

CERTIFIED TEST REPORT
http://Online.KaiserAluminum.com

91 17078 570. Sen. STH

Line Item: 003

Page 1 of 2

Master Order Number: 206785

Plant Serial: 00009072

NATHANIEL STEVENS, Quality Manager

Master Aluminaum Patented Products, LLC ("Kaiser"), hereby certifies that metal strip supplied under this order has been inspected and tested and found in conformance with the applicable specifications concerning a part of the description set forth herein, and that the metal strip supplied is fit for its intended use.

CERTIFICATION

Chemical Composition (wt%), Aluminum Remainder

REFERENCE	DASH#	SAMPLE#	UTS (ksi)	YTS (ksi)	ELONG%	HARDNESS	CON@IACS	END
F00010188	0002	1	45.3	39.0	21.5	N/A	N/A	N/A
F00010188	0002	1	44.8	39.6	19.5	N/A	N/A	N/A

Actual Physical Properties

CERTIFIED TEST REPORT
<http://Certs.KalisarAluminum.com>

KAISEER ALUMINUM
FABRICATED PRODUCTS

02/13/20
M/K ORG
C.P.O.s
C PARTS

Line Item: 003

Page 2 of 2

Kaaser Order Number: 206785
Plant Serial: 00009072

Kaaser Aluminum Fabricated Products, LLC ("Kaaser") hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the Kaaser's general terms and conditions of sale. These reports are on file subject to examination.

Naethaniel Stevens, Quality Manager

CERTIFICATION

Q.C. REVIEWED

MANUFACTURED IN USA MELTED IN USA

MISCELLANEOUS NOTES

CERTIFIED TEST REPORT
<http://Certificates.KaaserAluminum.com>

KAASER ALUMINUM
FABRICATED PRODUCTS
6573 W. WILLIS ROAD
CHANDELIER, AZ 85226

APPLICABLE REQUIREMENTS:

AM-4082P | ASTM-B210-04 WW-T-700/6P
WE TAKE EXCEPTION TO PRA. 5.2.1. PER AMS 4082P, WAS NOT OILED.
THE FOLLOWING SPECIFICATIONS HAVE BEEN MADE INCITIVE OR
CANCELLED: MIL-T-7081, WW-T-700F/GEN, WW-T-700/2E, WW-T-700/3E,
WW-T-700/4E, WW-T-700/6E, WW-T-700/7B.
COMPLIES TO DIN EN 10204 DIN 2005
COMPLIES TO DFR 252.225-7001 and DFR 252.225-7014
No Weld Repax. Mercury Free.

MANUFACTURED IN USA MELTED IN USA

MISCELLANEOUS NOTES

02/15/2011 From: MARMON/KEYSTONE CORPORATION
M/K OR# :
C.P.O. #:
C.P.R. #:
SLSRS#:
OR, REF#:
INIT. :::
TO:

KTS .625 .065 26061 TC

Line Item: 001

Page 1 of 2

Kaiser Order Number: 208094

Plant Serial: 00011300

Nathaniel Stevens, Quality Manager

Kaiser's general terms conditions of sale. Test reports are on file subject to examination.

Kaiser's description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on the applicable specification or form that met the requirements of this order has been inspected and tested and found to hereby certify certifies that metal shipped under this order has

CERTIFICATION

LIMITS	S1	Fe	Cu	Mn	Mg	Cx	Zn	Ti	Re	Bi	Zr	Be	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15					
Minimum	0.40	0.40	0.15	0.15	0.80	0.80	0.04	0.00	0.00	0.00	0.00	0.00	0.15
D69285	.59	.25	.21	.06	.98	.06	.05	.02	.00	.00	.00	.01	.02
D69293	.56	.32	.20	.05	.99	.08	.06	.02	.00	.00	.00	.01	.02
NA	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
NA													

Chemical Composition (wt%), Aluminum Remainer

REFERENCE DASH#	SAMPLE#	UTS (ksi)	YTS (ksi)	ELONG%	HARDNESS CON'DACS	END
E00012516 0001	1	47.0	40.7	18.0	N/A	N/A
E00012516 0002	1	47.0	40.7	17.5	N/A	N/A

Actual Physical Properties

651.000 LB	404.000 PCS	208511	BL NUMBER:	SOLD TO:
WEIGHT SHIPPED:	QUANTITY:	08/05/2011	BLW/DA/FTHKNS:	12,000 FT
208094	001	F00012516	TEMPER:	16
NA	NA	6061	ALLOY:	
NA	NA		KASER LOT NUMBER:	
61-15086-1	AT/625.065/734	SHIP DATE	SEAMLESS TUBE/PIPE	CUSTOMER PO NUMBER:
NA	NA	08/05/2011	SEAMLESS TUBE/PIPE	CHANDELIER, AZ 85226
NA	NA		PRODUCT DESCRIPTION:	6673 W. WILLIS ROAD
NA	NA		PRODUCT NUMBER:	KASER ALUMINUM
NA	NA		CUSTOMER PART NUMBER:	FABRICATED PRODUCTS, LLC
NA	NA		SHIP DATE:	http://www.KaserAluminum.com

KASER ALUMINUM
FABRICATED PRODUCTS
 6673 W. WILLIS ROAD
 CHANDELIER, AZ 85226
 KASER ALUMINUM
 http://www.KaserAluminum.com

KASER ALUMINUM
FABRICATED PRODUCTS
 6673 W. WILLIS ROAD
 CHANDELIER, AZ 85226
 KASER ALUMINUM

11/28/2011 From: MARMON/KEYSTONE CORPORATION
M/K OR::
C.P.O.:
C PART::

INIT::

To:

OR. REF::
SLSPRS::

Line Item: 001

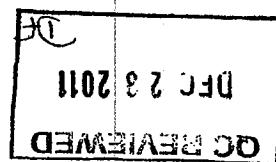
Page 2 of 2

Kaister Order Number: 208094
Plant Serial: 00011300

W.H. Kaister
Nathanial Stevens, Quality Manager

Kaister Aluminum Fabricated Products, LLC ("Kaister") hereby certifies that metal supplied under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaister's sales acknowledgement form. Any warranty is limited to that shown on Kaister's general terms of sale. Test reports are on file subject to examination.

CERTIFICATION



MANUFACTURED IN USA MELTED IN USA

MISCELLANEOUS Notes

DESCRIPTION: MADE IN USA
OD: 0.625"; Wall: 0.065"; Round 6
AMS-4082P ASTM-B210-04 WW-T-700/6F
WE TAKE EXCEPTON TO PARA. 5.2.1., Per AMS-4082P, WAS NOT OILED.
THE FOLLOWING SPECIFICATIONS HAVE BEEN MADE INCITIVE OR
CANCELLLED: MIL-T-7081, WW-T-700F/GEN, WW-T-700/2E, WW-T-700/3F,
WW-T-700/4F, WW-T-700/5E, WW-T-700/6F, and WW-T-700/7B.
COMPLIES TO DIN EN 10204 JAN 2005
COMPLIES TO DEFAR 252.225-7001 and DEFAR 252.225-7014
NO WELD REPAIR. MERCURY FREE.

Applicable Requirements:

CHANDLER, AZ 85226

KAISER ALUMINUM
6573 W. WILLIS ROAD
FABRICATED PRODUCTS, LLC

KAISER ALUMINUM
FABRICATED PRODUCTS
ALUMINUM
KAISER

CERTIFIED TEST REPORT
<http://Certs.KaisterAluminum.com>

